

# Slim Ouertani

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ouertani.github.io  
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Architect, InfoQ Fr Editor, Cloud & SOA Trainer  
Togaf, Archimate, PMP, SOA, Cloud, Spring, Java, Cmmi, ITIL, Mongo, Scala

## EXPERIENCE

**Solution Architect**, Al-Elm Information Security, Riyadh 06-2014

- Architecting and Designing enterprise solutions using diverse technology stack
- Work with peers to conduct Solution Architecture Reviews for a broad set of projects
- Review and provide input into functional & non-functional requirements
- Provide consulting and conduct reviews through the development lifecycle
- Defining the Architecture and guiding the use of various tools, technologies and techniques in the realization of that Architecture
- Create and maintain a set of standard practices, patterns and anti-patterns and ensure the appropriate usage of that.

**Software Architect, International Agile Coach**, Sofrecom, Orange FT Group, Tunisia 03-2013

- Manage and direct virtual distributed teams
- Make or Buy Analysis
- Establish regular meetings to review technical designs and provide mentoring and guidance
- Mentor development teams on different architecture and design paradigms or practices
- Maintain a knowledge base of emerging technologies and products
  - Scrum Master, Enterprise Architect, Apache Camel, Spring
  - CXF, Spring Batch, Atomikos, ActiveMq, Jonas, hibernate

**JEE Architect**, Zenika, Paris 12-2012

- Client : Bouygues Telecom
- Project : Home Automation (2 months)
- BBox embedded automation solution communicating with centralized system
  - Embedded: OSGI, REST server/client, Raspberry pi
  - Server : Fuse ESB, CXF, Camel, Spring, Jax-Rs, Osgi, Maven
- Client : SwissPost
- Project : Image Plus (2 months)
- Online outsourcing solution for picture processing.
  - Scrum, Kanban, Jenkins, Git, Cloudbees, Maven
  - MVP, Spring 3.1, GWT 2.5, JPA 2

**IS Head of Development and Tools Service**, Orange, Tunisia 01-2010

- JEE 6, MDB, JPA , Scala, Wicket, Play, J2ME, Spring ROO, WS, Glassfish, Talend, Birt
- Development and implementation of a web service platform :
  - JEE 6, SCALA, EJB 3.1, JAX-WS, Oracle, JPA
  - IN/AIR, BSCS/CMS/Data Charging/CRM/IVR/USDD

- Development of the after sales service solution: Play 1.2.x, groovy, jquery
- Launch of BI project: Talend, Birt, Oracle
- Bulk SMS: Wicket, JEE 6, JPA, Postgres
- Unbarring SMS: J2ME, JAX-WS, MDB, JPA
- Different applications: inter systems and synchronization platforms, web application...

**Solution Architect**, Sagem Software & Technologies, Tunisia 06-2009

- Architecture design and integration of a communication server and administration of remote gateways.
  - JEE, JMS, Spring, GWT, AndroMda, Hibernate, SMS
  - Jboss, ActiveMq, MDA

**Solution Architect**, Sagem Software & Technologies, Tunisia 03-2008

- Modular OSGi Server architecture under Linux platform responsible for controlling and interacting with electricity counters in order to retrieve statistics and have data storing/manipulation via different technologies and frameworks
  - OSGI, SCA, Spring DM, JAX-WS, JPA, GPRS, GSM/DATA, SMS, SNMP4j, Hessian, Ftp, Equinox, JETTY, POSTGRESQL
  - DISTRIBUTED COMPUTING, Cryptography

**Solution Architect & Team Leader**, Sagem Software & Technologies, Tunisia 12-2007

- Designing an SOA architecture and implementation of an Intranet service for human resources using liferay portal.
  - JEE5, EJB3, JAX-WS, JSF, PORTLET, JPA, SOA
  - GLASSFISH V2, TOMCAT6, LIFERAY 4.4, POSTGRESQL

**Coordinator**, STMicroelectronics, Tunisia 02-2006

- Implementing Intranet tools used for monitoring the evolution of validation campaigns.
  - J2EE, JSF, Hibernate/JPA, JAXB/JAXP, Design Pattern
  - TOMCAT 5.5, POSTGRESQL

**Developer**, STMicroelectronics, Tunisia 12-2005

- Validating processors and compilers under different platforms.
  - Linux, Solaris, Cygwin, Mingwin, Perl ,Shell

**Developer and designer**, GL TRADE, Tunisia 08-2005

- GL TACTICS: A trader module enhancing the efficiency of the negotiating teams giving them the possibility to customize the implementation strategies and accelerate the decision process.
  - C++, Design Pattern

## CERTIFICATE

|  |                      |
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| <i>Archimate Certified</i> , Open Group  | Score 82%, 02-2016   |
| <i>Archimate Foundation</i> , Open Group | Score 97%, 02-2016   |
| <i>Cloud Trainer</i> , Arcitura          | 10-2015              |
| <i>Cloud Architect</i> , Arcitura        | With Honors, 10-2015 |
| <i>Cloud Professional</i> , Arcitura     | With Honors, 09-2015 |
| <i>Togaf Certified</i> , Open Group      | Score 90%, 06-2015   |

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| <i>ITIL Foundation, Exin</i>                                | Score 95%, 06-2015   |
| <i>Togaf Foundation, Open Group</i>                         | Score 95%, 04-2015   |
| <i>Project Management Professional, PMI</i>                 | 03-2015              |
| <i>SOA Trainer, Arcitura</i>                                | 01-2015              |
| <i>SOA Architect, Arcitura</i>                              | With Honors, 12-2014 |
| <i>SOA Professional, Arcitura</i>                           | With Honors, 11-2014 |
| <i>Introduction to Cmmi for development, Cmmi Institute</i> | 09-2014              |
| <i>Entrepreneurship for all, EFFECTUATION, EMLYON</i>       | Score 75,8%, 01-2014 |
| <i>Principles of Reactive Programming, Coursera</i>         | Score 97.5%, 01-2014 |
| <i>MongoDB for DBAs, MongoDB</i>                            | Score 94%, 11-2013   |
| <i>Functional Programming Principles in Scala, Coursera</i> | Score 97.9%, 11-2013 |
| <i>MongoDb for java, MongoDB</i>                            | Score 95%, 10-2013   |
| <i>Spring Framework 3, Pivotal</i>                          | Score 94%, 02-2013   |
| <i>Java 6 Programmer Certified Professional, Oracle</i>     | Score 100%, 08-2012  |
| <i>Team Performance, STMicroelectronics</i>                 | 04-2007              |
| <i>English, British Council</i>                             | 4B, 02-2007          |
| <i>GL Certified Professional, GL TRADE</i>                  | 09-2005              |

## EDUCATION

|   |           |
|---|-----------|
| <i>Graduation Project in computer engineering<br/>from the National School of Computer Science in Tunisia (ENSI).</i> | 2005      |
| <i>National School of Computer Science in Tunisia (ENSI).</i>   | 2005-2002 |
| <i>Tunis Preparatory Institute for Engineering Studies (IPEIT)</i>  |           |
| <i>Preparatory Courses (Math Sup, Math Spe)</i>   | 2002-2000 |
| <i>Bachelor. Mathematics (with honors)</i>  | 2000      |

## OTHER ACTIVITIES

### InfoQ Fr Editor

<http://www.infoq.com/fr/author/Slim-Ouertani>

### OPEN SOURCE

<https://github.com/ouertani>

<http://www.reactive-streams.org>

### BLOGGING

<http://java.dzone.com/users/slim.ouertani>

<http://ouertani.github.io>

<http://www.jroller.com/ouertani>

<http://twitter.com/ouertani>

### INTERVIEW

Paremus, SCA with OSGI, David Savage

<http://www.prosyst.com/>

07.02.2009

[http://www.jroller.com/ouertani/entry/interview\\_paremus\\_sca\\_wit](http://www.jroller.com/ouertani/entry/interview_paremus_sca_wit)

### MAGAZINE

From Microservices to SOA - 20.07.2015

Service Technology Magazine - Issue XCI

<http://servicetechmag.com/I91/0715-1>

### STAMPLE

<https://stample.co>

Scala, Akka, Play

ElasticSearch, MongoDB, Amazon S3, GreenCloud

## COMPUTER SKILLS

|                        |  |
|------------------------|--|
| <u>Design</u>          | Functional programming, EA, UML, Design Pattern, MVC, MDA, OO, MVP           |
| <u>Architecture</u>    | Microservices, Reactive, N-tiers, SOA, SCA, Actor                            |
| <u>Cloud</u>           | CloudBees, Heroku, App Engine, Amazon S3, GreenCloud                         |
| <u>Agile</u>           | Scrum, Kanban  |
| <u>Web Service</u>     | Metro, JAX-WS, CXF, JAX-RS, Hessian, Rest, Axis                              |
| <u>Languages</u>       | SCALA, Java/JEE/OSGI, C/C++/C#, ADA, COBOL,...                               |
| <u>Web</u>             | PLAY, GWT, Vert.x, WICKET, JSF, PORTLET, JSP, SERVLET, APPLET, HTML          |
| <u>XML</u>             | XML, XSL, XSD, JAXP, JAXB, Stax, SAX, DOM, SCALA XML                         |
| <u>Database</u>        | PostgreSQL, MySQL, Oracle, MongoDB   |
| <u>Persistence</u>     | JPA, Hibernate, Toplink, EclipseLink, Slick                                  |
| <u>Containers</u>      | Glassfish V3, Tomcat 5/6/7, Equinox, JBOSS AS, Jonas 4, OC4J                 |
| <u>Framework</u>       | Spring, Spring DM, Liferay 4.4, Fuse ESB, Camel, Spring Batch, ElasticSearch |
| <u>OS</u>              | UNIX/LINUX, Mac OS, Windows XP, Windows NT, SOLARIS                          |
| <u>IDE</u>             | Netbeans, Eclipse, Idea, JDeveloper 10g                                      |
| <u>Management</u>      | IceScrum, Bugzilla, Trello   |
| <u>Build tools</u>     | Gradle, Maven, Sbt, Javac, Scalac, Ant                                       |
| <u>Version control</u> | Git, Subversion, Perforce, CVS, Jazz   |
| <u>Collaboration</u>   | Trello, Slack, Github, Codex, Wiki, Sharepoint                               |

## TRAINING

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| PMP, <a href="http://www.pmi.org/">http://www.pmi.org/</a><br>Project Management Professional  | 11.2014 |
| Advanced OSGi, <a href="http://www.sagem.com">www.sagem.com</a><br><b>By:</b> Slim Ouertani<br>Problematic & OSGi design pattern : White board & Extender  | 08.2009 |
| Problematic & OSGi design pattern , <a href="http://www.paremus.com">http://www.paremus.com</a><br><b>By:</b> David Savage & Mike Francis<br>SCA architecture with Newton, <a href="http://newton.codecauldron.org">http://newton.codecauldron.org</a> | 01.2009 |
| OSGi, <a href="http://www.prosyst.com/">http://www.prosyst.com/</a><br><b>By :</b> Roman Roelofsen<br>OSGi architecture and environment  | 05.2008 |

## PUBLICATIONS

|  |            |
|--|------------|
| Pour le fun : for-comprehension à la sauce Java 8<br><a href="http://www.infoq.com/fr/articles/for-comprehension-sauce-java-8">http://www.infoq.com/fr/articles/for-comprehension-sauce-java-8</a> | 23.07.2015 |
| Vrais ou Faux Jumeaux ?<br><a href="http://www.infoq.com/fr/articles/vrais-faux-jumeaux">http://www.infoq.com/fr/articles/vrais-faux-jumeaux</a>   | 25.11.2014 |
| Curryfication Java : methods & fonctions<br><a href="http://www.infoq.com/fr/articles/curryfication-java">http://www.infoq.com/fr/articles/curryfication-java</a>                                  | 29.07.2014 |
| Des Lenses en Java ?<br><a href="http://www.infoq.com/fr/articles/lenses-en-java">http://www.infoq.com/fr/articles/lenses-en-java</a>  | 30.06.2014 |
| Barboter dans le compilateur Java  | 02.06.2014 |

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| <a href="http://www.infoq.com/fr/articles/compileur-java">http://www.infoq.com/fr/articles/compileur-java</a>  |            |
| Mon Trampoline avec Java 8<br><a href="http://www.infoq.com/fr/articles/trampoline-java8">http://www.infoq.com/fr/articles/trampoline-java8</a>  | 18.04.2014 |
| Dmystifier les iteratees avec Java<br><a href="http://www.infoq.com/fr/articles/demystifier-iteratees-java">http://www.infoq.com/fr/articles/demystifier-iteratees-java</a>  | 01.11.2013 |
| Le Trio : Akka, Spring et Scala<br><a href="http://www.infoq.com/fr/articles/trio-akka-spring-scala">http://www.infoq.com/fr/articles/trio-akka-spring-scala</a>   | 16.10.2013 |
| Rest with Scala and Vert.x<br><a href="http://blog.zenika.com/index.php?post/2013/02/12/Rest-with-Scala-and-Vert.x">http://blog.zenika.com/index.php?post/2013/02/12/Rest-with-Scala-and-Vert.x</a><br><a href="http://java.dzone.com/articles/rest-scala-and-vertx">http://java.dzone.com/articles/rest-scala-and-vertx</a> | 18.02.2013 |
| Fun with Scala and Vert.x<br><a href="http://blog.zenika.com/index.php?post/2013/02/11/fun-with-scala-and-vert-x">http://blog.zenika.com/index.php?post/2013/02/11/fun-with-scala-and-vert-x</a><br><a href="http://java.dzone.com/articles/fun-scala-and-vertx">http://java.dzone.com/articles/fun-scala-and-vertx</a>      | 11.02.2013 |
| Getting Started with Play 2.1 , Scala 2.10 and Slick 0.11.1<br><a href="http://java.dzone.com/articles/getting-started-play-21-scala">http://java.dzone.com/articles/getting-started-play-21-scala</a>   | 01.11.2012 |
| XML/RPC driver as JCA Scala connector<br><a href="http://java.dzone.com/articles/xmlrpc-driver-jca-scala">http://java.dzone.com/articles/xmlrpc-driver-jca-scala</a>   | 28.09.2012 |
| JAX-WS Header : Part 1 the Client Side<br><a href="http://java.dzone.com/articles/jax-ws-header-part-1-client">http://java.dzone.com/articles/jax-ws-header-part-1-client</a>  | 26.06.2012 |
| Jaxws Header : Part 2 : Server Side<br><a href="http://java.dzone.com/articles/jaxws-header-part-2-server">http://java.dzone.com/articles/jaxws-header-part-2-server</a>   | 25.06.2012 |
| XML-RPC using scala<br><a href="http://java.dzone.com/articles/xml-rpc-using-scala">http://java.dzone.com/articles/xml-rpc-using-scala</a>   | 26.06.2012 |
| Sending an Email using the JavaMail Session and Glassfish<br><a href="http://java.dzone.com/articles/sending-email-using-javamail">http://java.dzone.com/articles/sending-email-using-javamail</a>   | 26.06.2012 |
| JEE 6 Environmental Enterprise Entries and Glassfish<br><a href="http://java.dzone.com/articles/jee-6-environmental-enterprise">http://java.dzone.com/articles/jee-6-environmental-enterprise</a>  | 20.06.2012 |
| Basic MDB with Scala, Sbt and JEE 6<br><a href="http://java.dzone.com/articles/basic-mdb-scala-sbt-and-jee-6">http://java.dzone.com/articles/basic-mdb-scala-sbt-and-jee-6</a>   | 11.09.2011 |
| Basic WS with Scala, Sbt and JEE 6<br><a href="http://java.dzone.com/articles/basic-ws-scala-sbt-and-jee-6">http://java.dzone.com/articles/basic-ws-scala-sbt-and-jee-6</a>  | 10.09.2011 |
| Scala and Quartz DSL<br><a href="http://java.dzone.com/tips/scala-and-quartz-dsl">http://java.dzone.com/tips/scala-and-quartz-dsl</a>  | 19.05.2011 |
| Osgi, security on the fly<br><a href="http://java.dzone.com/articles/osgi-security-fly">http://java.dzone.com/articles/osgi-security-fly</a>   | 08.04.2011 |
| Specification Pattern by Scala<br><a href="http://java.dzone.com/tips/specification-pattern-scala">http://java.dzone.com/tips/specification-pattern-scala</a>  | 03.11.2010 |
| Tips : Wicket and JEE 6 With Servlet 3.0 Annotations<br><a href="http://java.dzone.com/tips/tips-wicket-and-jee-6">http://java.dzone.com/tips/tips-wicket-and-jee-6</a>  | 10.07.2010 |
| Create Heartbeat Charts with Ext JS, NetBeans IDE 6.9, and REST<br><a href="http://netbeans.dzone.com/extjs-rest-netbeans">http://netbeans.dzone.com/extjs-rest-netbeans</a>   | 03.07.2010 |
| OSGi Service Hook to Log All Service Invocations Using Dynamic Proxy<br><a href="http://java.dzone.com/articles/osgi-service-hook-log-all">http://java.dzone.com/articles/osgi-service-hook-log-all</a>  | 12.12.2009 |
| JBoss MQ and Hibernate Lazy Loading<br><a href="http://java.dzone.com/news/jboss-mq-amp-hibernate-lazy">http://java.dzone.com/news/jboss-mq-amp-hibernate-lazy</a>   | 27.11.2009 |
| OSGi : Junit Test Extender Using Fragment and BundleTracker<br><a href="http://java.dzone.com/articles/osgi-junit-test-extender-using">http://java.dzone.com/articles/osgi-junit-test-extender-using</a>   | 10.02.2009 |
| OSGi : PostEvent vs SendEvent in New Thread<br><a href="http://java.dzone.com/articles/osgi-postevent-vs-sendevent">http://java.dzone.com/articles/osgi-postevent-vs-sendevent</a>   | 27.09.2009 |
| OSGi Annotation Extender<br><a href="http://java.dzone.com/articles/osgi-annotation-extender">http://java.dzone.com/articles/osgi-annotation-extender</a>  | 09.09.2009 |
| Hessian Declarative Extender in SCA<br><a href="http://java.dzone.com/articles/hessian-declarative-extender">http://java.dzone.com/articles/hessian-declarative-extender</a>   | 16.02.2009 |
| Hessian Service and Client on an OSGi Container : Part 2   | 29.06.2009 |

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| <a href="http://java.dzone.com/articles/hessian-service-and-client-osgi">http://java.dzone.com/articles/hessian-service-and-client-osgi</a>  |            |
| <i>Hessian Client Extender With Dynamic Proxy Inside OSGi</i><br><a href="http://java.dzone.com/tips/hessian-client-extender">http://java.dzone.com/tips/hessian-client-extender</a>   | 14.04.2009 |
| <i>SCA, Newton and Spring DM</i><br><a href="http://java.dzone.com/articles/hello-sca-newton-and-spring-dm">http://java.dzone.com/articles/hello-sca-newton-and-spring-dm</a>  | 04.02.2009 |
| <i>OSGi Event Admin with Spring DM</i><br><a href="http://java.dzone.com/articles/osgi-event-admin-with-spring-d">http://java.dzone.com/articles/osgi-event-admin-with-spring-d</a>  | 12.11.2008 |
| <i>Service Factory and OSGi Logging Proposal</i><br><a href="http://java.dzone.com/articles/service-factory-and-osgi-loggi">http://java.dzone.com/articles/service-factory-and-osgi-loggi</a>  | 08.10.2008 |
| <i>Debugging Spring OSGi with NetBeans IDE</i><br><a href="http://wiki.netbeans.org/DebuggingSpringOSGi">http://wiki.netbeans.org/DebuggingSpringOSGi</a><br><a href="http://java.dzone.com/tips/debugging-spring-osgi-bundle-n">http://java.dzone.com/tips/debugging-spring-osgi-bundle-n</a> | 05.06.2008 |
| <i>Enterprise Libraries and OSGi</i><br><a href="http://java.dzone.com/articles/enterprise-lib-and-osgi">http://java.dzone.com/articles/enterprise-lib-and-osgi</a>  | 26.08.2008 |
| <i>Scala OSGi Bundle With Spring DM</i><br><a href="http://java.dzone.com/articles/scala-osgi-bundle-with-spring-">http://java.dzone.com/articles/scala-osgi-bundle-with-spring-</a>   | 05.08.2008 |
| <i>Hessian Extender on OSGi Container</i><br><a href="http://java.dzone.com/articles/hessian-extender-osgi-containe">http://java.dzone.com/articles/hessian-extender-osgi-containe</a>   | 25.06.2008 |
| <i>LifeRay &amp; JSf : How to get current logged User ?</i><br><a href="http://java.dzone.com/tips/liferay-jsf-how-get-current-lo">http://java.dzone.com/tips/liferay-jsf-how-get-current-lo</a>   | 16.03.2008 |

## NEWS

|   |            |
|---|------------|
| <i>MongoDB : la magie des Reactive-Streams avec les Capped Collections</i><br><a href="http://www.infoq.com/fr/news/2015/05/reactive-streams-capped-collecti">http://www.infoq.com/fr/news/2015/05/reactive-streams-capped-collecti</a> | 21.05.2015 |
| <i>Publication de l'API Reactive Streams 1.0</i><br><a href="http://www.infoq.com/fr/news/2015/05/api-reactive-streams-1-0">http://www.infoq.com/fr/news/2015/05/api-reactive-streams-1-0</a>   | 07.05.2015 |
| <i>Docker, le dernier clou dans le cercueil des serveurs d'applications Java ?</i><br><a href="http://www.infoq.com/fr/news/2015/03/docker-vs-serveurs-app-java">http://www.infoq.com/fr/news/2015/03/docker-vs-serveurs-app-java</a>   | 19.03.2015 |

## LANGUAGES

Arabic, French English

Written & Spoken